

## II. Listing of Claims

### CLAIMS:

1. (Currently Amended) A safety arrangement in a motor vehicle, the motor vehicle being provided with at least one seat which is removably mounted within the vehicle, ~~the safety arrangement comprises~~ comprising, the at least one seat having thereon at least one safety element ~~in the form of a safety device being adapted to be actuated in the event that an accident should occur, a first communication channel having a first part on the vehicle and a second part on the seat providing communication between a control unit mounted on the motor vehicle to the safety element device~~ provided on the seat, at least part of the first communication channel being a wireless link between the first and second parts, there being the first communication channel including a first system for providing a first signal to the control unit when the seat is present in the vehicle, and there being a second communication channel having a third part on the vehicle and a fourth part on the seat providing communication to the control unit, wherein at least a part of the second communication channel being a wireless link between the third and fourth parts, the second communication channel including a second system, which is separate from the seat part of the communication channel, for determining the presence of the seat in the vehicle and for providing a second signal indicative of the presence of the seat in the vehicle to the control unit.

2. (Withdrawn) A safety arrangement according to Claim 1 wherein the first system is constituted by the communication channel.

3. (Currently Amended) [[A]] The safety arrangement according to Claim 1 wherein the safety device is one of an air-bag [[or]] and a safety-belt pre-tensioner.

4. (Currently Amended) [[A]] The safety arrangement according to Claim 1 wherein the safety device on the seat includes a diagnostic sensor, the diagnostic sensor being adapted to pass a signal to the control unit through the first communication channel.

5. (Currently Amended) [[A]] The safety arrangement according to Claim 1 wherein the seat includes at least one sensor adapted to sense the weight of an occupant of the seat.

6. (Currently Amended) [[A]] The safety arrangement according Claim 1 wherein the second system is an active system [,.] including a transmitter on the seat adapted to transmit [[a]] the second signal to the control unit through [[a]] the second communication channel when interrogated.

7. (Currently Amended) [[A]] The safety arrangement according to Claim 1 wherein the second system [[is]] includes a passive

arrangement, the passive arrangement including a sense element provided on the seat that defines the fourth part, a sensor on the vehicle defining the third part, and a lead connected to the control unit and extending to the sensor, wherein the sensor is configured to sense the sense element.

8. (Currently Amended) [[A]] The safety arrangement according to Claim 7 wherein the ~~second system incorporates a micro-switch~~ sensor is a switch and the sense element is a feature on the seat that engages the switch when the seat is present in the vehicle.

9. (Currently Amended) [[A]] The safety arrangement according to Claim 7 wherein the ~~second system incorporates~~ sense element ~~is~~ a magnet fixed on the seat and the sensor is a Hall-sensor ~~a Hall-effect switch~~ mounted on the vehicle.

10. (Currently Amended) [[A]] The safety arrangement according to Claim 7 wherein the ~~second system incorporates~~ sensor is a light responsive sensor and ~~an~~ the sense ~~element on the seat is~~ detectable by the light responsive sensor.

11. (Currently Amended) [[A]] The safety arrangement according to Claim 10 wherein the sense element on the seat is a light reflector.

12. (Currently Amended) [[A]] The safety arrangement according to Claim 10 wherein the sense element ~~on the seat~~ is a bar code.

13. (Currently Amended) [[A]] The safety arrangement according to Claim 10 wherein a light source is associated with the light sensor to illuminate the sense element ~~on the seat~~.

14. (Currently Amended) [[A]] The safety arrangement according to Claim 1 wherein the first communication channel incorporates inductive coils forming the wireless link in the first communication channel between the control unit and the seat.

15. (Currently Amended) [[A]] The safety arrangement according to Claim 14 wherein the vehicle and the seat are adapted for electrical power to be transferred from the vehicle to the seat through the inductive coils ~~coil~~.

16. (Currently Amended) [[A]] The safety arrangement according to Claim 15 wherein the seat incorporates a storage arrangement in which transferred power may be stored within the seat.

17. (Currently Amended) [[A]] The safety arrangement according Claim 1 incorporating an alarm signal generator adapted to be

actuated if only one of the first system and the second system provide a signal indicative of the presence of the seat.

18. (Currently Amended) [[A]] The safety arrangement according to Claim 1 wherein the seat is mounted on at least one ~~elongate~~ elongated track ~~units~~ unit mounted in the vehicle[.], with at least one of the first communication channels channel and the second communication channel passing along the track unit.